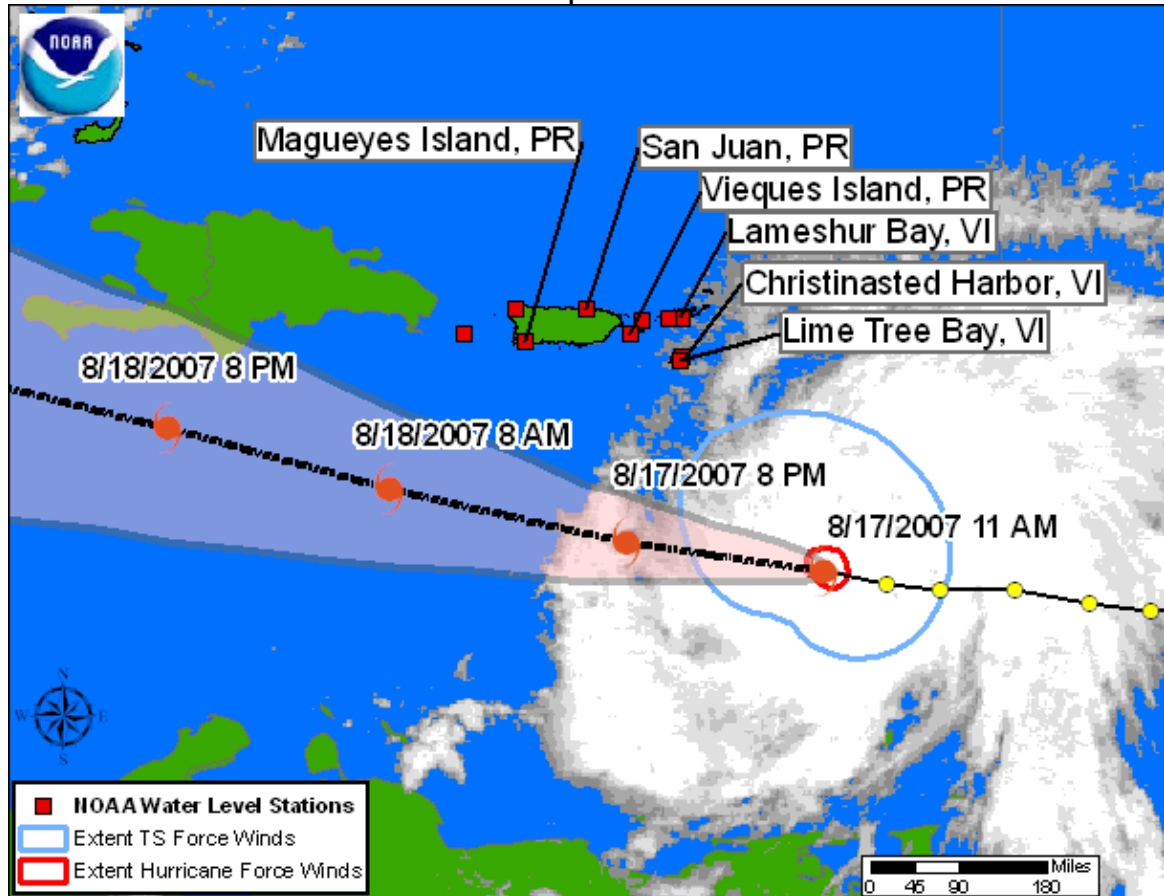


Hurricane DEAN QUICKLOOK  
Posted: 12:00 AST 08/17/2007

NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

NOS water levels are slightly elevated at Puerto Rico and U.S. Virgin Islands stations.

Water level observations as of 8/17/2007 12:00 PM AST:

Christiansted Harbor, St Croix, VI is ~0.56 ft (0.17 m) above predicted. Next high tide at 08/17/2007 Fri 05:30 PM AST.

Lime Tree Bay, VI is ~0.42 ft (0.13 m) above predicted. Next high tide at 08/17/2007 Fri 08:13 PM AST.

Lameshur Bay, St. Johns, VI is ~0.47 ft (0.14 m) above predicted. Next high tide at 08/18/2007 Sat 0000 AM AST.

Vieques Island, PR is ~0.41 ft (0.12 m) above predicted. Next high tide at 08/17/2007 Fri 05:28 PM AST.

San Juan, PR is ~0.03 ft (0.00 m) above predicted. Next high tide at 08/17/2007 Fri 23:55 PM AST.

Magueyes Island, PR is ~0.26 ft (0.08 m) above predicted. Next high tide at 08/17/2007 Fri 07:54 PM AST.

Water level and meteorological plots are updated automatically. For additional data, please see [www.tidesandcurrents.noaa.gov](http://www.tidesandcurrents.noaa.gov). For more information on the STORM QUICKLOOK product, please see [www.tidesandcurrents.noaa.gov/quicklook.shtml](http://www.tidesandcurrents.noaa.gov/quicklook.shtml)

**SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION at 1100 AM AST**

**...DEAN MOVING AWAY FROM LESSER ANTILLES AND STRENGTHENING...**

**A TROPICAL STORM WARNING REMAINS IN EFFECT FOR THE U.S. VIRGIN ISLANDS AND PUERTO RICO.**

**MAXIMUM SUSTAINED WINDS HAVE INCREASED TO NEAR 105 MPH...165 KM/HR...WITH HIGHER GUSTS. HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 25 MILES...35 KM...FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 185 MILES...295 KM.**

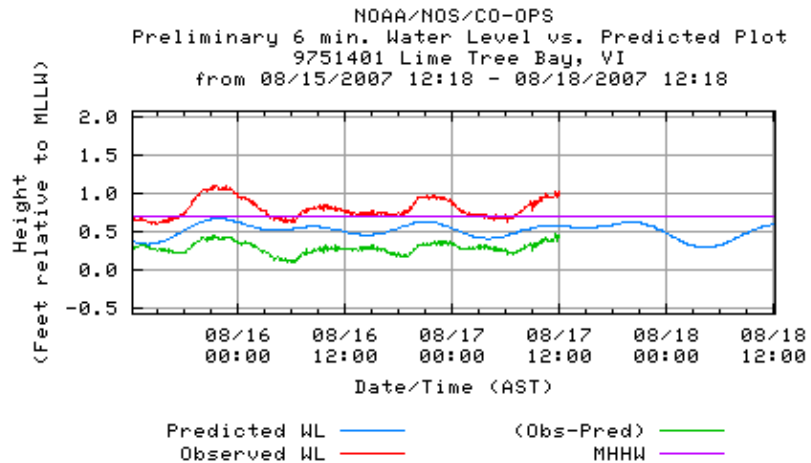
**LATEST MINIMUM CENTRAL PRESSURE RECENTLY REPORTED BY AN AIR FORCE HURRICANE HUNTER AIRCRAFT WAS 964 MB...28.47 INCHES.**

**STORM TOTAL AMOUNTS OF 1 TO 2 INCHES CAN BE EXPECTED FROM DEAN OVER PUERTO RICO AND THE DOMINICAN REPUBLIC...WITH MAXIMUM AMOUNTS UP TO 5 INCHES. ADDITIONAL RAINFALL ACCUMULATIONS OF 1 TO 2 INCHES ARE EXPECTED IN THE LESSER ANTILLES...WITH ISOLATED MAXIMUM AMOUNTS OF 10 INCHES IN MOUNTAINOUS AREAS. THESE RAINS COULD CAUSE LIFE-THREATENING FLASH FLOODS AND MUDSLIDES.**

For the purpose of timely release, data contained within this QUICKLOOK have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Lime Tree Bay - Water Level](#), [Lime Tree Bay - Winds](#), [Christiansted Harbor, St Croix - Water Level](#), [Lameshur Bay, St. Johns - Air/Water Temp](#), [Vieques Island - Water Level](#), [San Juan - Air/Water Temp](#), [San Juan - Barometric](#), [Magueyes Island - Air/Water Temp](#), [Magueyes Island - Barometric](#), [Lime Tree Bay - Air/Water Temp](#), [Lime Tree Bay - Barometric](#), [Lameshur Bay, St. Johns - Water Level](#), [Lameshur Bay, St. Johns - Barometric](#), [San Juan - Water Level](#), [San Juan - Winds](#), [Magueyes Island - Water Level](#), [Magueyes Island - Winds](#)

**Lime Tree Bay, VI - Station Map** [Return to List](#)

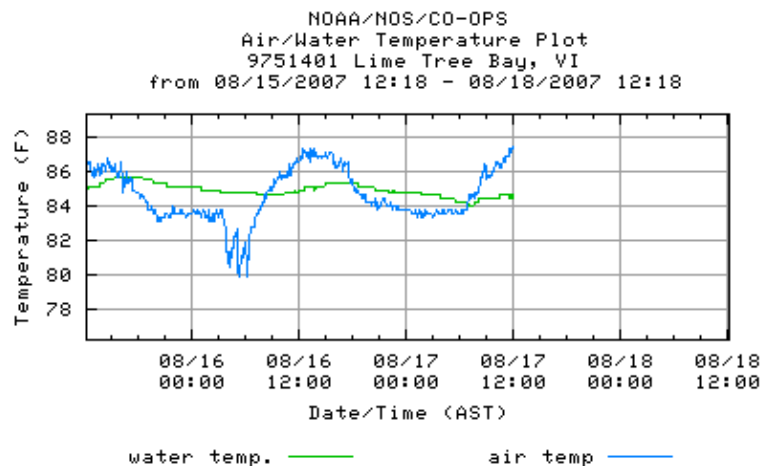


Last Observed Sample: 08/17/2007 12:06 (AST)

Relative to **MLLW**: **Observed: 1.02 ft. Predicted: 0.57 ft. Residual: 0.45 ft.**

Historical Maximum Water Level: 11/17/1999, 1.88 ft. above **MHHW**

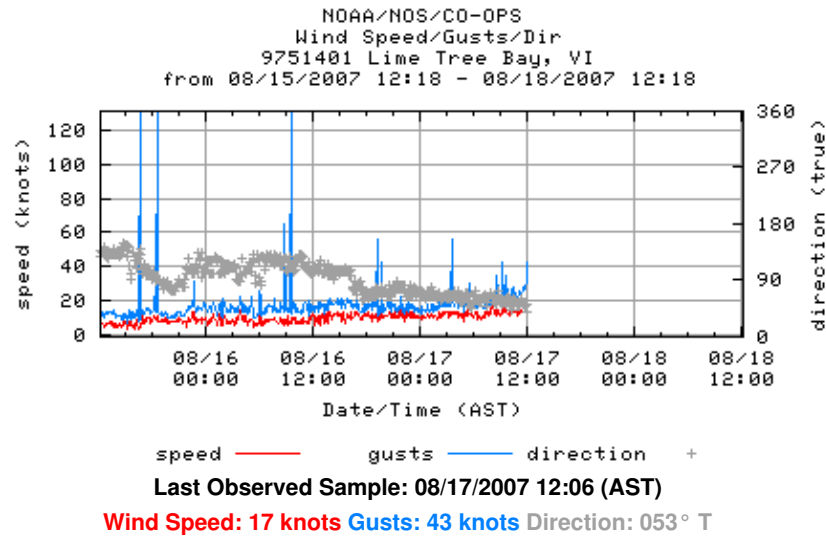
**Lime Tree Bay, VI - Station Map** [Return to List](#)



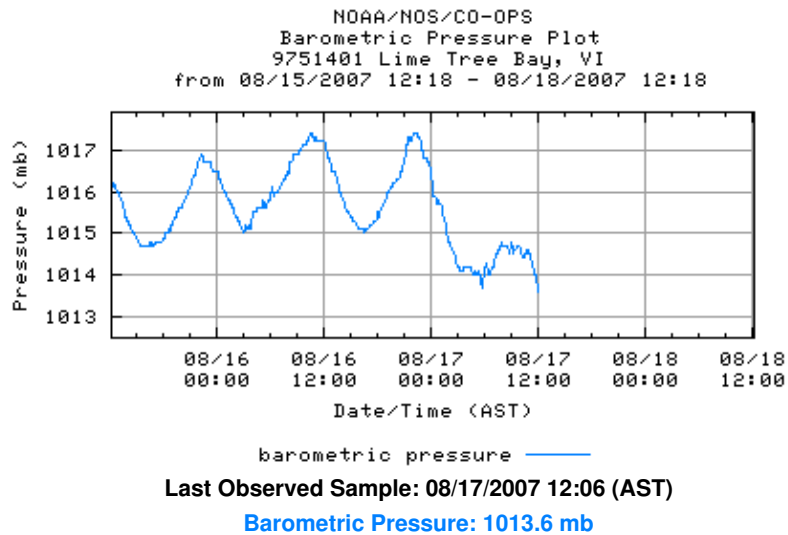
Last Observed Sample: 08/17/2007 12:06 (AST)

**Water Temperature: 84.4° F Air Temperature: 87.4° F**

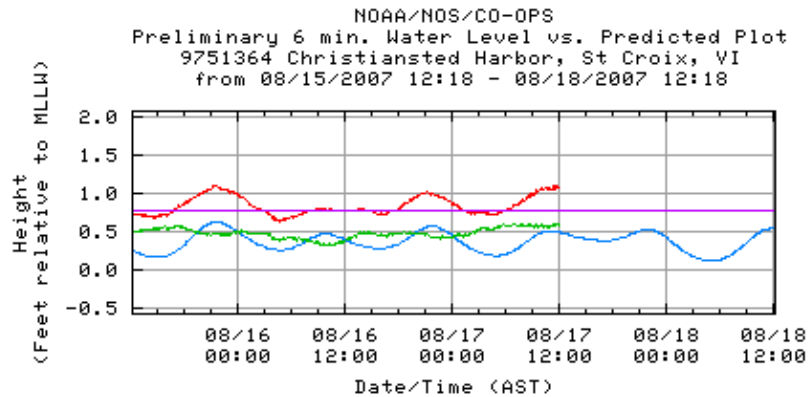
**Lime Tree Bay, VI - Station Map** [Return to List](#)



**Lime Tree Bay, VI - Station Map** [Return to List](#)



**Christiansted Harbor, St Croix, VI** - [Station Map](#) [Return to List](#)

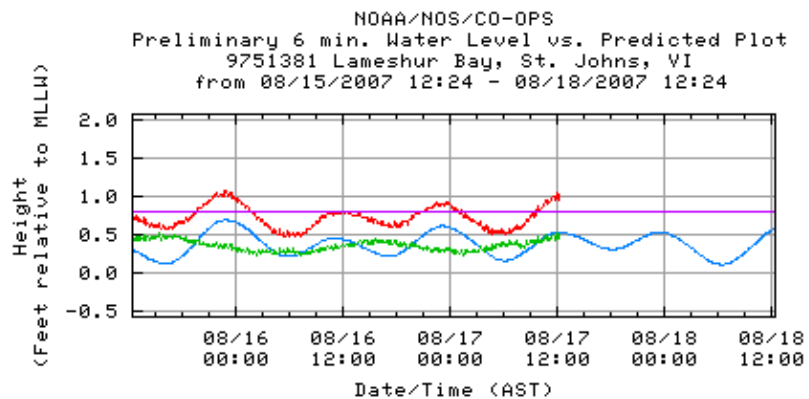


Last Observed Sample: 08/17/2007 12:06 (AST)

Relative to **MLLW**: **Observed: 1.07 ft.** **Predicted: 0.49 ft.** **Residual: 0.58 ft.**

Historical Maximum Water Level: n/a

**Lameshur Bay, St. Johns, VI** - [Station Map](#) [Return to List](#)

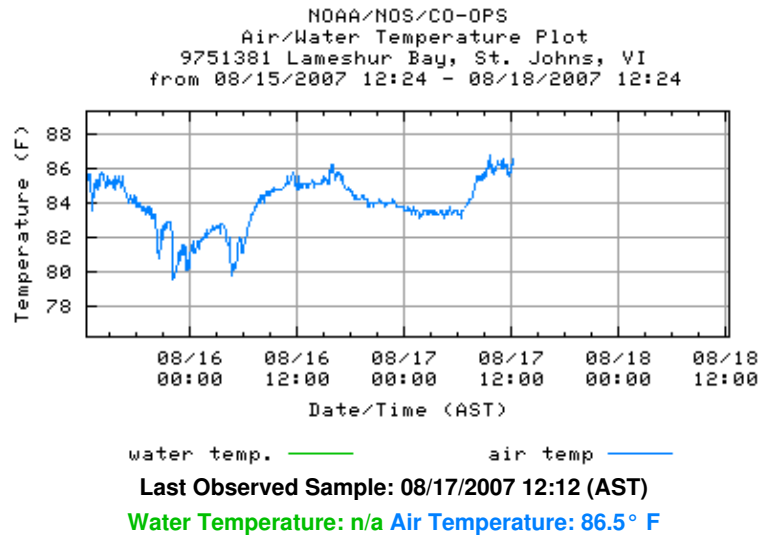


Last Observed Sample: 08/17/2007 12:12 (AST)

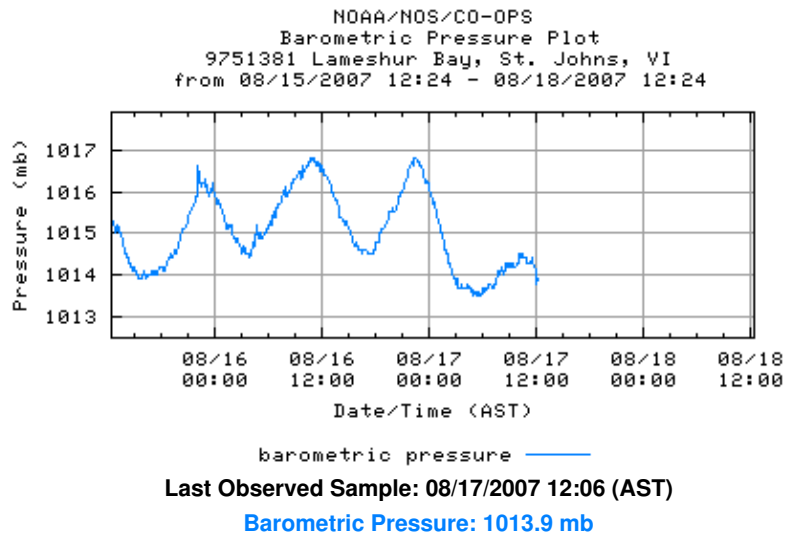
Relative to **MLLW**: **Observed: 0.96 ft.** **Predicted: 0.52 ft.** **Residual: 0.44 ft.**

Historical Maximum Water Level: n/a

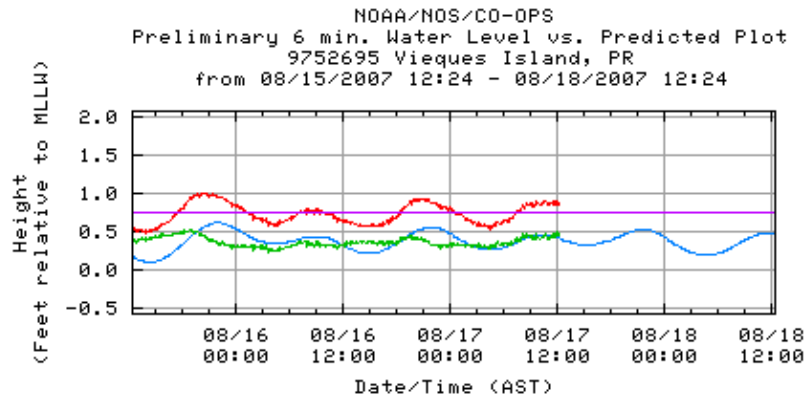
**Lameshur Bay, St. Johns, VI - Station Map** [Return to List](#)



**Lameshur Bay, St. Johns, VI - Station Map** [Return to List](#)



**Vieques Island, PR - Station Map** [Return to List](#)

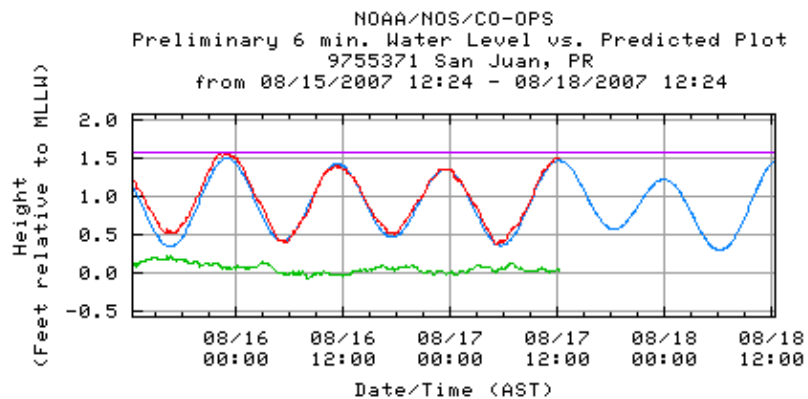


Last Observed Sample: 08/17/2007 12:12 (AST)

Relative to **MLLW**: **Observed: 0.85 ft. Predicted: 0.41 ft. Residual: 0.44 ft.**

Historical Maximum Water Level: n/a

**San Juan, PR - Station Map** [Return to List](#)

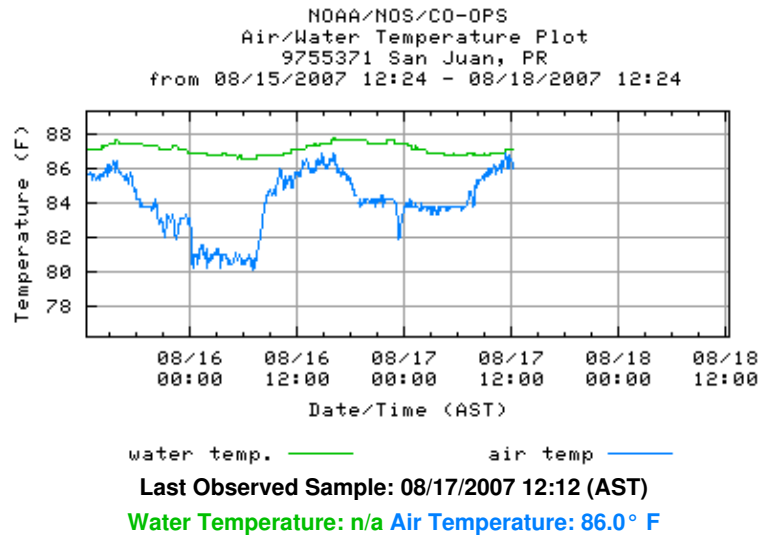


Last Observed Sample: 08/17/2007 12:12 (AST)

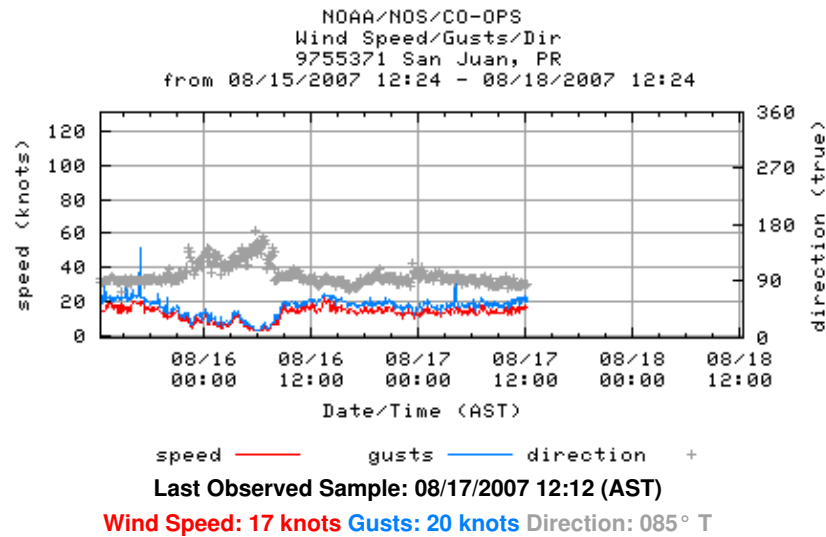
Relative to **MLLW**: **Observed: 1.49 ft. Predicted: 1.47 ft. Residual: 0.02 ft.**

Historical Maximum Water Level: 09/21/1998, 1.21 ft. above **MHHW**

**San Juan, PR - Station Map** [Return to List](#)

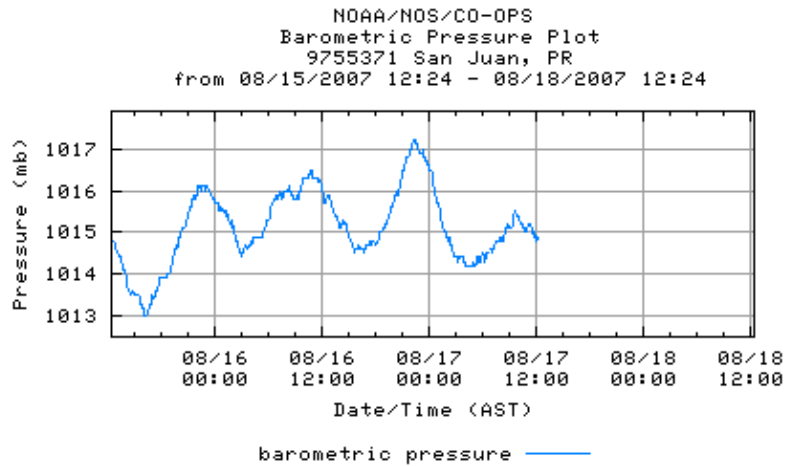


**San Juan, PR - Station Map** [Return to List](#)





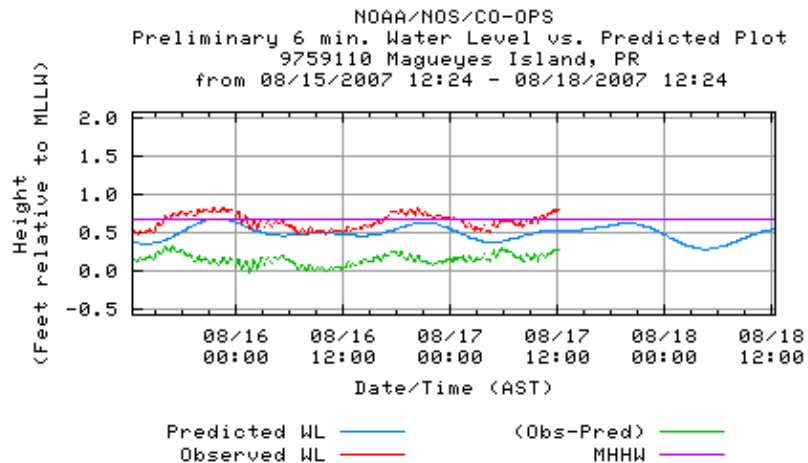
**San Juan, PR - Station Map** [Return to List](#)



Last Observed Sample: 08/17/2007 12:06 (AST)

Barometric Pressure: 1014.9 mb

**Maguëyes Island, PR - Station Map** [Return to List](#)

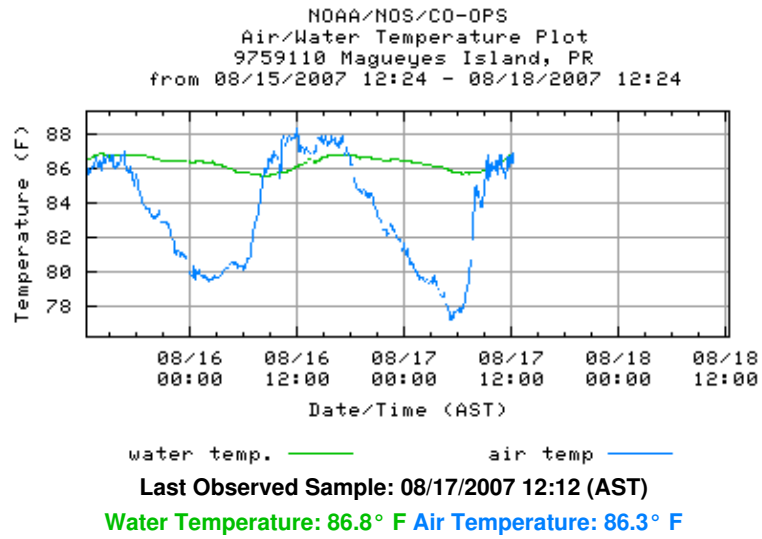


Last Observed Sample: 08/17/2007 12:12 (AST)

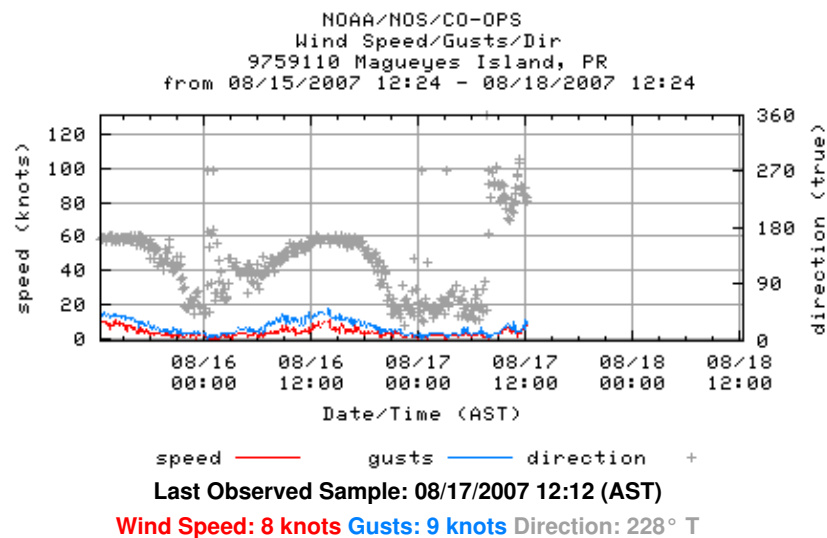
Relative to **MLLW**: **Observed: 0.79 ft.** **Predicted: 0.52 ft.** **Residual: 0.27 ft.**

Historical Maximum Water Level: 09/22/1998, 1.6 ft. above **MHHW**

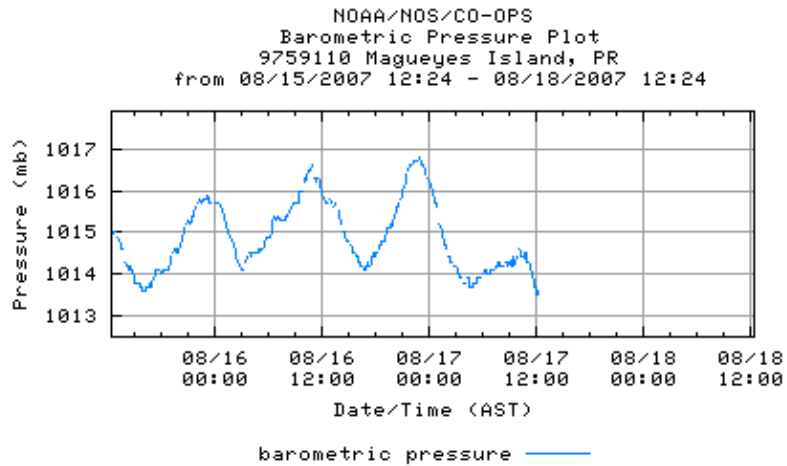
**Maqueyes Island, PR - Station Map** [Return to List](#)



**Maqueyes Island, PR - Station Map** [Return to List](#)



**Maqueyes Island, PR - Station Map** [Return to List](#)



**Last Observed Sample: 08/17/2007 12:12 (AST)**

**Barometric Pressure: 1013.5 mb**

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce